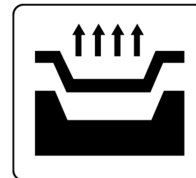




Zyvax® 1034W™

Water-Based Release Agent



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Description

Zyvax® 1034W™ release agent has been specifically formulated to meet the high performance requirements of the Advanced Composites industry by providing consistent, effortless releases with minimal buildup on the mold. Zyvax® 1034W™ is easy to apply and environmentally friendly.

Benefits

- Easy application by spraying or wiping
- Very low odor – solvent-free
- Non-flammable

Uses

Zyvax® 1034W™ was specifically developed for releasing thermosets, thermoplastics and prepregs. Zyvax® 1034W™ is suitable for all manufacturing processes used in molding and bonding advanced composite structures.

Application

The mold should be properly sealed using the appropriate Zyvax® Sealer according to the technical data sheet.

1. Lightly mist the mold surface with a hand-sprayer or wipe-on a thin, even layer of Zyvax® 1034W™ to the mold surface.
2. Wait until the material begins to evaporate and then wipe off with a clean, dry cloth. Apply in sections; overlap slightly when covering multiple areas.
3. Let cure for 15 minutes.
4. Apply 1-3 more coats of Zyvax® 1034W™ in the same manner as outlined in step 2 for a total of 2-4 coats. Wait a minimum of 30 minutes after the last coat before using the mold.
5. For touch-ups, apply 1 or 2 coats of Zyvax® 1034W™ when needed as described above and allow 30 minutes for cure before using the mold.

Important

The recommended number of coats and cure times are a general guideline found to be more than sufficient in a broad spectrum of molding conditions. When molding products with extreme geometries or experiencing low humidity conditions in the shop, the customer may find the need to extend the cure time between coats and increase the number of coats applied to the mold. The efficiency of a release film is best determined through a combination of tape tests and experimentation.

Storage

Store product between 5°C and 30°C (41°F and 86°F). Keep from freezing. Keep container tightly sealed to prevent evaporation and/or contamination. If stored in cold temperatures, allow to warm to room temperature before using.

Handling

We believe Zyvax® 1034W™ is a low degree of hazard when used as intended. For more information, request a copy of the Safety Data Sheet.

Packaging

Zyvax® 1034W™ is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

Further Information

Request information on our complete range of materials: custom-formulated release agents for polyurethane molding; tire lubes and bladder coatings; Mono-Coat® semi-permanent release coatings; aerosol formulations; mold cleaners and sealers; specialized coatings and application equipment.

While the technical information and suggestions for use contained herein are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.